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**FACSIMILE COVER**

Date:	October 8, 2003		
To:	Mail Stop AF Commissioner for Patents Arlington, VA 22313-1450 Examiner Neal Berezny Art Unit: 2823	Fax Telephone #:	(703) 308-7724 872-9319
From:	David S. Park Reg. No. 52,094		
Re:	Applicants: Shih-Yen Lin et al. Assignee: National Science Council Title: Quantum Dot Infrared Photodetector and Method for Fabricating the Same Serial No.: 09/846,173 Filed: April 30, 2001 Art Unit: 2823 Examiner: N. Berezny		
Client/File:	AB-1133 US	Fax Operator:	Adriane Giberson

This transmittal consists of 12 total page(s), including this cover sheet.

**OFFICIAL COMMUNICATION**

Please find attached the following items:

1. Transmittal Letter, in duplicate (2 sheets); and
2. Response to Final Office Action, including Attachment A (9 sheets).

Applicants submit herewith the said paperwork, and respectfully request that they be made of record.

Dated: October 8, 2003

  
David S. Park, Reg. No. 52,094

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THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS INTENDED ONLY FOR THE PERSONAL AND CONFIDENTIAL USE OF THE DESIGNATED RECIPIENT(S) NAMED ABOVE. THIS MESSAGE MAY BE AN ATTORNEY-CLIENT COMMUNICATION, AND AS SUCH IS PRIVILEGED AND CONFIDENTIAL. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT OR AN AGENT RESPONSIBLE FOR DELIVERING IT TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT YOU HAVE RECEIVED THIS DOCUMENT IN ERROR AND THAT ANY REVIEW, DISSEMINATION, DISTRIBUTION OR COPYING OF THIS MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE

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October 8, 2003

Mail Stop AF  
Commissioner For Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

Re: Applicant(s): Shih-Yen Lin; Shiang-Feng Tang; Si-Chen Lee; Chieh-Hsiung Kuan  
Assignee: National Science Council  
Title: Quantum Dot Infrared Photodetector and Method For Fabricating the Same  
Serial No.: 09/846,173  
Examiner: N. Berezny  
Docket No.: AB-1133 US

Filed: April 30, 2001  
Group Art Unit: 2823

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) This Transmittal Letter (in duplicate);
- (2) Response to Office Action, including Attachment A (9 pages).

- ☒ No additional fee is required.  
☐ The fee has been calculated as shown below:

**CLAIMS AS AMENDED**

	Claims Remaining After Amendment		Highest No. Previously Paid For		Present Extra	Rate	Additional Fee
Total Claims	13	Minus	20	=	0	x \$18.00	\$ 0
Independent Claims	2	Minus	4	=	0	x \$84.00	\$ 0
<input type="checkbox"/> Fee of _____ for the first filing of one or more multiple dependent claims per application							\$
<input type="checkbox"/> Fee for Request for Extension of Time							\$
<b>Total additional fee for this Amendment:</b>							\$

- ☒ Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.
- ☐ Please charge our Deposit Account No. 50-2257 in the amount of
- ☒ Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 50-2257

Total: \$ 0.00

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this correspondence is being transmitted via facsimile to the attention of: Examiner Neal Berezny, Art Unit 2823, at facsimile number (703) 872-9314 for After Final communications, on October 8, 2003.

*Adriane Giberson*  
Adriane Giberson

October 8, 2003

Respectfully submitted,

*David S. Park*  
David S. Park  
Attorney for Applicants  
Reg. No. 52,094

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Lin, Shih-Yen; Tang, Shiang-Feng; Lee, Si-Chen; Kuan, Chieh-Hsiung  
Assignee: National Science Council  
Title: Quantum Dot Infrared Photodetector and Method for Fabricating the Same  
Serial No.: 09/846,173 Filing Date: April 30, 2001  
Examiner: N. Berezny Group Art Unit: 2823  
Docket No.: AB-1133 US

Irvine, California  
October 8, 2003

RESPONSE TO FINAL OFFICE ACTION

Dear Sir:

In response to the Final Office Action dated July 8, 2003, Applicants submit the following amendments and remarks. A three-month period for response has been established by the patent office, therefore this response is timely filed by the October 8, 2003 deadline for response, and no additional fees are due.